

VEXOR Technology, Inc.
955 West Smith Road
Medina, Ohio 44256
Phone: 330-721-9773
FAX: 330-721-9438
EPA ID# OHD 077772895

MATERIAL CHARACTERIZATION

www.vexortechnology.com

Approval # _____
Sample # _____
Sales Rep _____
Date Submitted _____

Generator U.S. EPA Region I
Site Address 20 McLennan Dr.
City Oakville State CT ZIP 06779
Phone _____ Fax _____
EPA ID# _____ SIC Code _____
Technical Contact Mia Pasquerella
Title EPA OSC e-mail pasquerella.mia@epa.gov

Bill To Name New England Disposal Technologies, Inc.
Site Address 83 Gilmore Dr
City Sutton State MA ZIP 01590
Phone 508-234-4440 Fax 508-234-4441
Business Contact Michael J Robertson
Title GM e-mail mrobertson@NEDTinc.com

MATERIAL DESCRIPTION

Name and Description of Material: Oily Solids/Debris/Waste Oil
Process Generating Material: Absorbents & PPE used during oil spill clean up activities U.S. EPA Hazardous Waste: Yes No
Proper DOT shipping name: Connecticut State Regulated Oil Waste
Method of Shipment: ☐ Bulk ☒ Drum ☐ Tote ☐ Cubic Yd Box ☐ Other/Explain: _____
Estimated Annual Volume: Cubic Yards Tons Gallons 25X55 Drums DM Container material (metal, plastic, etc.)
Frequency: ☒ One Time Only ☐ Daily ☐ Weekly ☐ Monthly ☐ Yearly ☐ Other- explain 350 lbs. Approx drum weight
Special Handling Instructions: _____
Preferred Disposal Method: ☒ Landfill ☐ Waste to Energy ☐ Recycling ☐ VEF ☐ Other _____

MATERIAL PROPERTIES AT 78°F

- a) Physical State: ☒ Solid ☐ Semi-solid ☐ Powder ☐ Liquid ☐ Phases
b) Reactivity: ☐ Water reactive ☐ Acid Reactive ☐ Alkaline Reactive ☐ Oxidizer ☐ Auto-setting ☒ none
c) Flash Point, °F: ☐ ≤ 72 ☐ >72-100 ☐ >100-140 ☐ >140-200 ☒ >200 ☐ NA
d) S. G./Density _____ e) pH: ☐ ≤ 2 ☐ >2-6 ☒ >6-9 ☐ >9- <12.5 ☐ ≥12.5 ☐ NA
f) Odor: ☐ None ☒ Mild ☐ Strong : Describe: Petroleum g) Color Black/Brown
h) Total Organic Halogen (TOX) ☒ 0 ppm ☐ >1000 ppm* If this material is considered a "USED OIL" and is to be managed as a USED OIL, please complete the "USED OIL" ADDENDUM and attach to this profile.
i) PCB Content: ☒ 0 ppm ☐ 1-49 ppm* ☐ equal to or > 50 ppm *Supporting analysis and documentation required.

MATERIAL COMPOSITION: List all components, add up to 100%.

Constituent	Range % (wt-vol)	
	Min	Max
Absorbents (pads, boom, speed-dry)	75	85
PPE (gloves, boots, tyvek suits)	10	20
Waste Oil	1	5
A combined total should equal 100%		

Above is based on: Generator Knowledge ☒ Analytical Data ☒ MSDS _____
Please attach analysis, TCLP information and appropriate MSDS sheets.

SAMPLE SUBMITTED WITH THIS PROFILE: Yes No ☒

CHEMICAL COMPOSITION:

Constituent	Range %	
	Min	Max
Sulfur	N/A	N/A
Chlorine	N/A	N/A
Bromine	N/A	N/A
Fluorine	N/A	N/A
Nitrogen	N/A	N/A
Oxygen	N/A	N/A
Carbon	N/A	N/A
Ash	N/A	N/A
Btu's	N/A	N/A
Biomass	N/A	N/A

Metals (other than RCRA)

Metal	ppm	Metal	ppm	Metal	ppm	Metal	ppm
Thallium	N/A	Antimony	N/A	Beryllium	N/A	Cobalt	N/A
Copper	N/A	Nickel	N/A	Vanadium	N/A	Tin	N/A
Zinc	N/A	Iron	N/A	Manganese	N/A	Magnesium	N/A
Molybdenum	N/A	Palladium	N/A				

MATERIAL CHARACTERIZATION

Approval # _____

RCRA CONTAMINANTS: ☐ TCLP ☐ TOTAL ☒ NONE IN THIS SECTION

EPA #	NAME	REGULATORY LEVEL	ACTUAL	EPA#	NAME	REGULATORY LEVEL	ACTUAL
D004	Arsenic	>5.0		D024	m-Cresol	>200.0	
D005	Barium	>100.0		D025	p-Cresol	>200.0	
D006	Cadmium	>1.0		D026	Cresol (total)	>200.0	
D007	Chromium	>5.0		D027	1,4-Dichlorobenzene	>7.5	
D008	Lead	>5.0		D028	1,2-Dichlorethane	>0.5	
D009	Mercury	>0.2		D029	1,2-Dichlorethylene	>.13	
D010	Selenium	>1.0		D030	2,4-Dinitrotoluene	>0.008	
D011	Silver	>5.0		D031	Heptachlor	>0.13	
D012	Endrin	>0.02		D032	Hexachlorobenzene	>0.5	
D013	Lindane	>0.4		D033	Hexachloro-1,3-butadiene	>0.5	
D014	Methoxychlor	>10.0		D034	Hexachloroethane	>3.0	
D015	Toxaphene	>0.05		D035	Methyl Ethyl Ketone	>200.0	
D016	2,4-D	>10.0		D036	Nitrobenzene	>2.0	
D017	2,4,5-TP (Silvex)	>1.0		D037	Petachlorophenol	>100.0	
D018	Benzene	>0.5		D038	Pyridine	>100.0	
D019	Carbon Tetrachloride	>0.5		D039	Tetrachloroethylene	>0.7	
D020	Chlordane	>0.03		D040	Trichloroethylene	>0.5	
D021	Chlorobenzene	>100.0		D041	2,4,5-Trichlorophenol	>400.0	
D022	Chloroform	>6.0		D042	2,4,6-Trichlorophenol	>2.0	
D023	o-Cresol	>200.0		D043	Vinyl Chloride	>0.2	

GENERATOR CERTIFICATION

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the material being offered for disposal.

Samples of this material submitted to VEXOR are representative of the material described in this profile. I further certify that by utilizing this profile, neither I nor any other employee of the company will deliver for treatment, processing or recycling or attempt to deliver for same any material that is classified as a hazardous waste, medical or infectious waste or any other material that this facility is prohibited from accepting by law.

Authorized Representative Name (Printed) _____ Company _____

Authorized Representative Signature: _____

Title: _____ Date: _____

For VEXOR Use Only

Reviewed by: _____ Date: _____ Second review: _____ Date: _____

Approved for treatment (please check and initial) _____ Special Handling (if yes, make process directions in notes): _____

Treatment	Solidification/Landfill	Waste to Energy	VEF	Water	Used oil	Recycling	Other (please note processing)
Check all that apply							

Rejected – reason: _____

Price: _____ per unit: _____ CS initial _____

Price approved by: _____ Date: _____

Notes: _____

**VEXOR Technology, Inc. USED OIL Addendum
For Approval of USED OIL**

VEXOR Technology, Inc.
955 W. Smith Rd.
Medina, OH 44256
Phone: 330-721-9773
Fax: 330-721-9438
EPA ID# OHD07772895

Generator Status:

Large Quantity: ____ Small Quantity: **X** Conditionally Exempt Small Quantity: ____

Is this material a "USED OIL" as defined in the Ohio Administrative Code 3745-279-01? YES **X** NO ____

Has this "USED OIL" been mixed with hazardous waste YES ____ NO **X**

Does this "USED OIL" contain greater than 1,000ppm total halogens? YES ____ NO **X**

If "YES", can you identify the "halogenated constituent" present in the oil?

If "YES", can you rebut the presumption that this material is a "hazardous waste" under OAC 3745-279-21(B)? YES ____ NO ____ (If YES, complete the USED OIL REBUTTAL below)

USED OIL REBUTTAL

Generator: **U.S. EPA Region I**

Address: **20 McLennan Dr.**

City: **Oakville** State: **CT** Zip: **06779**

Contact: **Mia Pasquerella** Title: U.S. EPA OnScene Coordinator

Waste Stream: **Oily solids/debris**

Process Generating Waste: **Absorbents & PPE used during oil spill clean-up activities.**

I, being an authorized representative of the generator, certify that the used oil waste stream being offered to, or shipped to, VEXOR Technology, Inc. for processing, as a non-hazardous waste, does not contain any halogenated hazardous constituents listed in 40CFR261.

Method of Rebutting the Presumption (check at least one)

____ The total halogen results are greater than 1,000ppm due to the present of chlorinated paraffin's in the formulation of the oil. (Material Safety Data Sheet attached)

____ Analysis attached using analytical method from SW-846

Name: **X** _____ Title: **X** _____

Signature: **X** _____ Date: _____

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Approval # _____
Sample # _____
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Generator U.S. EPA Region I
Site Address 20 McLennan Dr.
City Oakville State CT ZIP 06779
Phone _____ Fax _____
EPA ID# _____ SIC Code _____
Technical Contact Mia Pasquerella
Title EPA OSC e-mail pasquerella.mia@epa.gov

Bill To Name New England Disposal Technologies, Inc.
Site Address 83 Gilmore Dr
City Sutton State MA ZIP 01590
Phone 508-234-4440 Fax 508-234-4441
Business Contact Michael J Robertson
Title GM e-mail mrobertson@NEDTinc.com

MATERIAL DESCRIPTION

Name and Description of Material: Waste Oil
Process Generating Material: Waste oil collected during oil spill clean up activities U.S. EPA Hazardous Waste: Yes No
Proper DOT shipping name: Connecticut State Regulated Oil Waste
Method of Shipment: ☐ Bulk ☒ Drum ☐ Tote ☐ Cubic Yd Box ☐ Other/Explain: _____
Estimated Annual Volume: Cubic Yards Tons Gallons 2X55 Drums DM Container material (metal, plastic, etc.)
Frequency: ☒ One Time Only ☐ Daily ☐ Weekly ☐ Monthly ☐ Yearly ☐ Other- explain 350 lbs. Approx drum weight
Special Handling Instructions: _____
Preferred Disposal Method: ☒ Landfill ☐ Waste to Energy ☐ Recycling ☐ VEF ☐ Other _____

MATERIAL PROPERTIES AT 78°F

- a) Physical State: ☒ Solid ☐ Semi-solid ☐ Powder ☐ Liquid ☐ Phases
b) Reactivity: ☐ Water reactive ☐ Acid Reactive ☐ Alkaline Reactive ☐ Oxidizer ☐ Autosetting ☒ none
c) Flash Point, °F: ☐ ≤ 72 ☐ >72-100 ☐ >100-140 ☐ >140-200 ☒ >200 ☐ NA
d) S. G./Density _____ e) pH: ☐ ≤ 2 ☐ >2-6 ☒ >6-9 ☐ >9-12.5 ☐ ≥ 12.5 ☐ NA
f) Odor: ☐ None ☒ Mild ☐ Strong : Describe: Petroleum g) Color Black/Brown
h) Total Organic Halogen (TOX) ☒ 0 ppm ☐ >1000 ppm* If this material is considered a "USED OIL" and is to be managed as a USED OIL, please complete the "USED OIL" ADDENDUM and attach to this profile.
i) PCB Content: ☒ 0 ppm ☐ 1-49 ppm* ☐ equal to or > 50 ppm *Supporting analysis and documentation required.

MATERIAL COMPOSITION: List all components, add up to 100%.

Constituent	Range % (wt-vol)	
	Min	Max
Waste Oil		100
A combined total should equal 100%		

Above is based on: Generator Knowledge ☒ Analytical Data ☒ MSDS _____
Please attach analysis, TCLP information and appropriate MSDS sheets.

SAMPLE SUBMITTED WITH THIS PROFILE: Yes No ☒

CHEMICAL COMPOSITION:

Constituent	Range %	
	Min	Max
Sulfur	N/A	N/A
Chlorine	N/A	N/A
Bromine	N/A	N/A
Fluorine	N/A	N/A
Nitrogen	N/A	N/A
Oxygen	N/A	N/A
Carbon	N/A	N/A
Ash	N/A	N/A
Btu's	N/A	N/A
Biomass	N/A	N/A

Metals (other than RCRA)

Metal	ppm	Metal	ppm	Metal	ppm	Metal	ppm
Thallium	N/A	Antimony	N/A	Beryllium	N/A	Cobalt	N/A
Copper	N/A	Nickel	N/A	Vanadium	N/A	Tin	N/A
Zinc	N/A	Iron	N/A	Manganese	N/A	Magnesium	N/A
Molybdenum	N/A	Palladium	N/A				

MATERIAL CHARACTERIZATION

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RCRA CONTAMINANTS: ☐ TCLP ☐ TOTAL ☒ NONE IN THIS SECTION

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D019	Carbon Tetrachloride	>0.5		D039	Tetrachloroethylene	>0.7	
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D021	Chlorobenzene	>100.0		D041	2,4,5-Trichlorophenol	>400.0	
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Authorized Representative Name (Printed) _____ Company _____

Authorized Representative Signature: _____

Title: _____ Date: _____

For VEXOR Use Only

Reviewed by: _____ Date: _____ Second review: _____ Date: _____

Approved for treatment (please check and initial) _____ Special Handling (if yes, make process directions in notes): _____

Treatment	Solidification/Landfill	Waste to Energy	VEF	Water	Used oil	Recycling	Other (please note processing)
Check all that apply							

Rejected – reason: _____

Price: _____ per unit: _____ CS initial _____ Price approved by: _____ Date: _____

Notes: _____

VEXOR Technology, Inc. USED OIL Addendum
For Approval of USED OIL

VEXOR Technology, Inc.
955 W. Smith Rd.
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Phone: 330-721-9773
Fax: 330-721-9438
EPA ID# OHD07772895

Generator Status:

Large Quantity: ____ Small Quantity: **X** Conditionally Exempt Small Quantity: ____

Is this material a "USED OIL" as defined in the Ohio Administrative Code 3745-279-01? YES **X** NO ____

Has this "USED OIL" been mixed with hazardous waste YES ____ NO **X**

Does this "USED OIL" contain greater than 1,000ppm total halogens? YES ____ NO **X**

If "YES", can you identify the "halogenated constituent" present in the oil?

If "YES", can you rebut the presumption that this material is a "hazardous waste" under OAC 3745-279-21(B)? YES ____ NO ____ (If YES, complete the USED OIL REBUTTAL below)

USED OIL REBUTTAL

Generator: U.S. EPA Region I

Address: 20 McLennan Dr.

City: Oakville State: CT Zip: 06779

Contact: Mia Pasquerella Title: U.S. EPA OnScene Coordinator

Waste Stream: Waste Oil

Process Generating Waste: Waste oil Generated from oil spill clean-up activities.

I, being an authorized representative of the generator, certify that the used oil waste stream being offered to, or shipped to, VEXOR Technology, Inc. for processing, as a non-hazardous waste, does not contain any halogenated hazardous constituents listed in 40CFR261.

Method of Rebutting the Presumption (check at least one)

____ The total halogen results are greater than 1,000ppm due to the present of chlorinated paraffin's in the formulation of the oil. (Material Safety Data Sheet attached)

^x____ Analysis attached using analytical method from SW-846

Name: X Title: X

Signature: X Date: